

Converting Colors

YUV(24.9400, -2.4354, -12.2254)

Have a look what the booklet for
YUV(24.9400, -2.4354, -12.2254)
contains.

YUV(24.9400, -2.4354, -12.2254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(24.9400, -2.4354,
-12.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2114
RGB	11, 33, 20
RGB Percent	4%, 13%, 8%
CMY	0.9569, 0.8706, 0.9216
CMYK	0.67, 0.00, 0.39, 0.87
HSL	145°, 50%, 9%
HSV	145°, 67%, 13%
XYZ	0.8081, 1.2094, 0.8527
YIQ	24.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

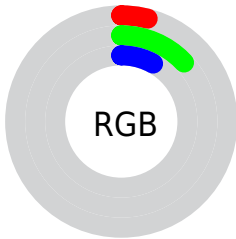
Format	Color
RYB	11, 27, 33
Decimal	729364
CIELab	10.63, -12.70, 6.13
CIELCh	11, 14.099, 154.249
Yxy	1.2094, 0.2816, 0.4214
Android (android.graphics.Color)	4278919444 (0xFF0B2114)
YUV	24.9400, -2.4354, -12.2254
Hunter-Lab	10.9971, -6.1277, 3.1010

Details

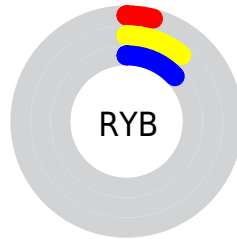
The YUV color **24.9400, -2.4354, -12.2254** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.0600, 2.4354, 12.2254**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.4130, -3.1616, -12.6402**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.8150, -2.8668, -13.8698**, and if you desaturate by 10%, it is **26.0650, -2.0040, -10.5810**.

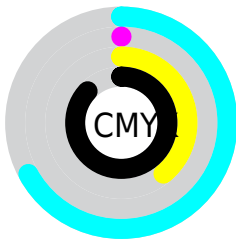
Distribution



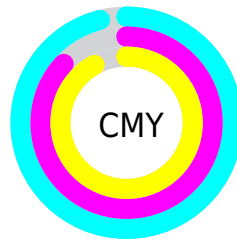
- Red (4%)
- Green (13%)
- Blue (8%)



- Red (4%)
- Yellow (11%)
- Blue (13%)



- Cyan (67%)
- Magenta (0%)
- Yellow (39%)
- Black (87%)



- Cyan (96%)
- Magenta (87%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.9400, -2.4354, -12.2254 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 24.9400, -2.4354, -12.2254 by changing the saturation by 10% instead.

■ 24.9400, -2.4354,
-12.2254

■ 24.9400, -2.4354,
-12.2254

■ 247.7660, -1.8566,
-11.1958

■ 2.3480, -1.1576,
-2.0592

■ 68.4130, -3.1616,
-12.6402

■ 0.0000, 0.0000,
0.0000

■ 92.0000, -3.4510,
-13.1550

■ 116.7010, -3.3036,
-13.7698

■ 142.5870, -3.7404,
-13.6698

■ 169.1740, -4.0298,
-14.1846

■ 196.4620, -4.1718,

-15.3142

■ 224.4620, -4.1718,
-15.3142

■ 24.9400, -2.4354,
-12.2254

■ 24.9400, -2.4354,
-12.2254

■ 23.8150, -2.8668,
-13.8698

■ 26.0650, -2.0040,
-10.5810

■ 22.3910, -3.1508,
-16.1289

■ 27.4890, -1.7201,
-8.3219

■ 21.2660, -3.5821,
-17.7733

■ 28.6140, -1.2887,
-6.6775

■ 20.9670, -3.4347,
-18.3881

■ 29.7390, -0.8573,
-5.0331

■ 31.1630, -0.5734,
-2.7740

■ 32.2880, -0.1420,
-1.1296

■ 33.4130, 0.2894,
0.5148

■ 34.5380, 0.7208,
2.1592

■ 35.9620, 1.0047,
4.4183

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.5130, -8.1409, -2.2039



24.9400, -2.4354, -12.2254



23.3780, 3.2646, -20.5025

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.9400, -2.4354, -12.2254



27.2790, 10.2155, -9.8917



28.7200, -5.2850, 15.1546

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.9400, -2.4354, -12.2254



19.0600, 2.4354, 12.2254

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.5720, -0.7750, 15.2844



24.9400, -2.4354, -12.2254



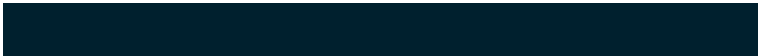
29.6610, 7.5621, 1.1743

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.9400, -2.4354, -12.2254



24.0280, 10.8322, -21.0726



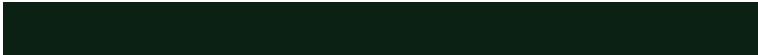
29.6900, 3.6038, 10.7959



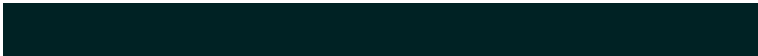
28.1450, -9.9315, 12.1508

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.9400, -2.4354, -12.2254



24.0620, 5.8854, -21.1024



29.6900, 3.6038, 10.7959



28.7740, -3.8326, 15.9842

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.9400, -2.4354, -12.2254



40.0380, -1.0047, -4.4183



27.8010, -8.2829, -3.3335



20.8640, -0.4260, -3.3887



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9400, -2.4354, -12.2254



30.5540, -3.7241, -18.9029



26.1940, 2.3694, -13.3251



14.5870, -0.2894, -0.5148



50.0210, -8.8844, -43.8684



131.0850, -23.2129, -114.9615

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.0600, 2.4354, 12.2254



21.4460, 3.7241, 18.9029



17.8060, -2.3694, 13.3251



14.4130, 0.2894, 0.5148



28.9790, 8.8844, 43.8684



75.8010, 22.7761, 115.0615

Previews

White Background



This preview shows how the YUV color 24.9400, -2.4354, -12.2254 looks on a white background.

Color Contrast Check

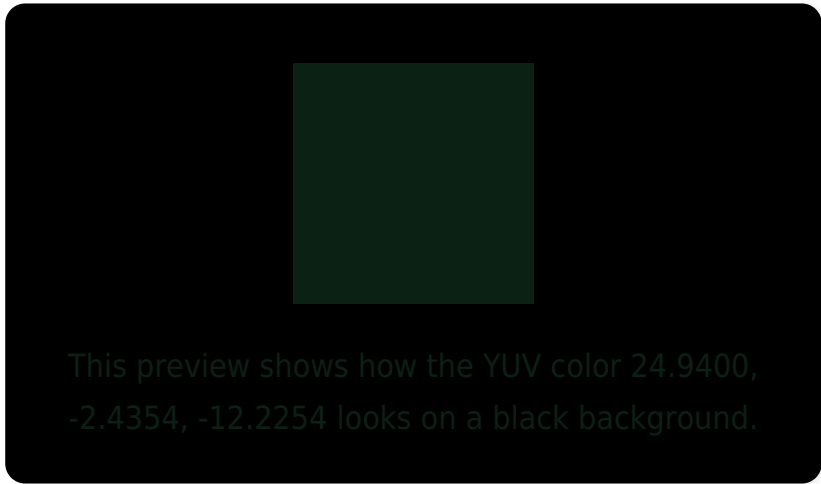
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

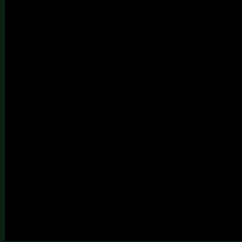
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

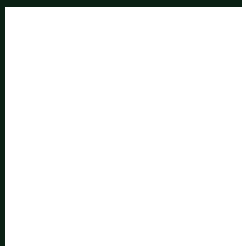
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.9400, -2.4354, -12.2254 Background



This preview shows how black text looks on a background with the YUV color 24.9400, -2.4354, -12.2254.



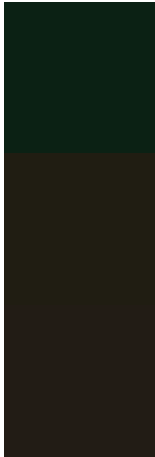
This preview shows how white text looks on a background with the YUV color 24.9400, -2.4354,

-12.2254.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.9400, -2.4354, -12.2254

Protanopia

28.6430, -5.2470, 2.9441

Deuteranopia

28.9960, -3.9420, 4.3885



Tritanopia

26.8570, 3.5215, -9.5216

Trichromacy



Original Color

24.9400, -2.4354, -12.2254

Protanomaly

26.9520, -3.9203, -2.5889

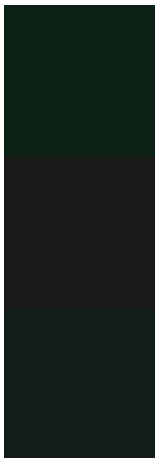
Deuteranomaly

27.7780, -3.3416, -1.5593

Tritanomaly

26.2760, 1.3429, -10.7661

Monochromacy



Original Color

24.9400, -2.4354, -12.2254

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9400, -2.4354, -12.2254 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(11, 33, 20)` looks like.

```
.text, #text, p{  
    color:rgb(11, 33, 20)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(11, 33, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 33, 20) }
```

Border

The CSS property to change the border of an element to YUV 24.9400, -2.4354, -12.2254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 33, 20) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(11, 33, 20) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(11, 33, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 33, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 33, 20);  
box-shadow:4px 4px 4px 4px rgb(11, 33, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.9400, -2.4354, -12.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 33, 20) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(11, 33,  
20) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor